



Magneto-resistive Sensors with detection of direction of rotation Series 350 • 10 - PNP

Housing M 18 x 1

- Housing material: Stainless steel VA
- Magneto-resistive sensors detect ferromagnetic targets, such as gear wheels, wipers, slitting discs, gear rods, etc.
- Contactless detection of rotary motion, therefore wear-free and maintenance-free operation.
- Measuring range from 0 Hz up to 25 kHz. Ideal for the safe detection of creeping movements as well as fast rotary motions.
- Measuring gear wheel modul size 0.7...4.00
- Width of target gear wheel ≥ 10 mm

Certificate:



Technical data

Flush mountable

Operating sensing distance S_a < 4 mm (Modul 4), < 2 mm (Modul 1)

Electrical version 4-wire DC

Output Normally open

Type NPN

Art.-No.

Connection diagram No.

Type PNP

MRS-350-M18-10-S

Art.-No.

361 300

Connection diagram No. 2

Operating voltage (U_b) 10...35 V DC

Output current max. (I_o) 2 x 250 mA

Voltage drop max. (U_d) ≤ 2.5 V

Permitted residual ripple max. 10 %

No-load current (I_o) Typ. 15 mA

Frequency of operating cycles min. / max. 0.5 Hz / 25 kHz

Permitted ambient temperature -40...+85 °C / 125 °C*

LED-display Green / yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67, IP 69K

Norm EN 60947-5-2

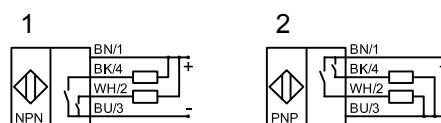
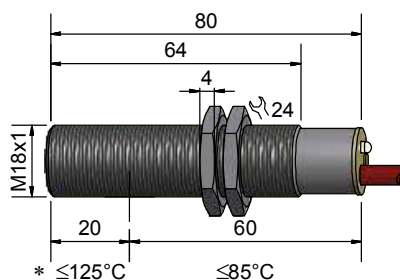
Connection cable 2 m, silicone, 4 x 0.34 mm²

Housing material VA No. 1.4404

Active surface VA No. 1.4404

Lid PEEK (FDA 21 CFR 177.2415)

All specifications are subject to change without notice. (03/2014)



BK = Speed control
WH = detection of direction of rotation

Made in Germany